

FORM PTO-1390  
(REV. 5-93)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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ATTORNEY'S DOCKET NUMBER

10191/2251

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/070521

INTERNATIONAL APPLICATION NO.  
PCT/DE01/02309

INTERNATIONAL FILING DATE  
22 June 2001  
(22.06.2001)

PRIORITY DATE CLAIMED:  
05 July 2000  
(05.07.2000)

TITLE OF INVENTION

ARRANGEMENT HAVING P-DOPED AND N-DOPED SEMICONDUCTOR LAYERS, AND METHOD FOR THE MANUFACTURE THEREOF

APPLICANT(S) FOR DO/EO/US

Richard SPITZ and Alfred GOERLACH

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) immediately rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unsigned).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☒ A substitute specification and marked-up version.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: International Search Report and PCT/RO/101.

Express Mail No. EL594613635

17. ☒ The following fees are submitted:**Basic National Fee (37 CFR 1.492(a)(1)-(5)):**Search Report has been prepared by the EUROPEAN PATENT OFFICE or  
JPO ..... \$890.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) ..... \$710.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but  
international search fee paid to USPTO (37 CFR 1.445(a)(2)) ..... \$740.00Neither international preliminary examination fee (37 CFR 1.482) nor international search  
fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$1,040.00International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims  
satisfied provisions of PCT Article 33(2)-(4) ..... \$100.00

CALCULATIONS | PTO USE ONLY

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 890

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months  
from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims

Number Filed

Number Extra

Rate

Total Claims

26 - 20 =

6

X \$18.00

\$ 108

Independent Claims

2 - 3 =

0

X \$84.00

\$ 0

Multiple dependent claim(s) (if applicable)

+ \$280.00

\$ 0

**TOTAL OF ABOVE CALCULATIONS =**

\$ 998

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must  
also be filed. (Note 37 CFR 1.9, 1.27, 1.28).

\$ 0

**SUBTOTAL =**

\$ 998

Processing fee of \$130.00 for furnishing the English translation later the ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$ 0

**TOTAL NATIONAL FEE =**

\$ 998

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

**TOTAL FEES ENCLOSED =**

\$ 998

Amount to be:  
refunded

\$

charged

\$

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.b. ☒ Please charge my Deposit Account No. 11-0600 in the amount of \$ **998.00** to cover the above fees. A duplicate copy of this sheet  
is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 11-0600. A duplicate copy of this sheet is enclosed.**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed and granted to restore the application to pending status.By: Richard L. Mayer (Reg. No. 41,172)Richard L. Mayer

SIGNATURE

Richard L. Mayer, Reg. No. 22,490

NAME

3/5/02

DATE

SEND ALL CORRESPONDENCE TO:  
Kenyon & Kenyon  
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New York, New York 10004

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